



How *Caltrans*... Builds Projects



Identify Project Need



- **Bay Area Transportation State of the System Report**
- **Pavement Survey**
- **Bridge Inspection Records Information System (BIRIS)**
- **Traffic Accident Surveillance and Analysis System (TASAS)**
- **Input from Public and Local Agencies**

Prepare Project Study Report



- **Form a Project Development Team**
- **Obtain input from Program Advisors**
- **Establish Purpose and Need**
- **Set Project Scope, Cost and Schedule**

Secure Project Programming



- **Secure Programming for Each Phase**
 - ❖ Environmental (PAED)
 - ❖ Design (PS&E)
 - ❖ Right of Way
 - ❖ Construction
- **Funding Sources**
 - ❖ STIP
 - ❖ SHOPP
 - ❖ Proposition 1B
 - ❖ Federal (CMAQ/STP, ARRA, others)
 - ❖ Local
 - ❖ Other

Secure Project Approval



- **Draft Environmental Document**
 - ❖ **CEQA/NEPA**
 - **CE-CE**
 - **IS/EA - ND/FONSI**
 - **EIR/EIS**
- **Draft Project Report**
- **Public Meetings**
- **Final Environmental Document**
- **Final Project Report**

Complete Project Design



- Prepare Base Mapping
- 35% Project Plans and Estimate
- Begin Right of Way Acquisition
- Value Engineering
- 65% Plans & 95% Specification & Estimate
- Draft Contract Ready
- Right of Way Certification
- Environmental Certification
- Execute Coop Agreements
- Ready to List (RTL)

Secure Capital Funding



- **Local Agency Board Action**
- **California Transportation Commission Vote**
- **FHWA-Federal Funding Obligation (E-76)**

Project Construction



- **List Project (3 weeks)**
- **Advertise Contract Plans (4-10 weeks)**
- **Open Bids**
- **Award Contract**
- **Begin Construction**
- **Open to Traffic/Contract Acceptance**

Project Close-Out



- **Resolve Claims**
- **Complete As-Builts**
- **Complete R/W Monumentation**
- **End Project**



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